What is claimed is:

1. An accommodating intra-ocular lens apparatus capable of being disposed directly within the natural capsular bag or sulcus of the eye, without the use of any type of artificial bag, comprising:

a) a lens for movement by gravity between respective posterior and anterior positions within said eye; and

b) a plurality of haptics, each with a distal and a proximal end, each articulately connected to said lens at said distal end and disposed within and connected to said natural capsular bag or sulcus at said proximal end.

2. The intra-ocular lens in accordance with claim 1, wherein said plurality of haptics comprises at least two haptics selected from a group of haptics consisting of: looped haptics or plate haptics.

3. The intra-ocular lens in accordance with claim 2, wherein said lens is held in place by means of a mechanical haptic system disposed in said natural capsular bag or sulcus.

4. The intra-ocular lens in accordance with claim 3, wherein each of said plurality of haptics is connected to said lens by hinged means.

5. The intra-ocular lens in accordance with claim 4, wherein each of said plurality of haptics is connected to said lens by means of a haptic connection selected from a group consisting of: a ball-socket, a pin axle or a hinged plate haptic connection.

6. The intra-ocular lens in accordance with claim 5, wherein said haptics' lengths are longer than the lengths available for them in the natural capsular bag or sulcus, and are thus compressed, such that said haptics retain said lens in an equilibrium posterior position or an equilibrium anterior position, regardless of head inclination, until sufficient applied forces move said lens into the alternative equilibrium position.

7. The intra-ocular lens in accordance with claim 6, wherein each of said plurality of haptics is connected to said lens by hinged means with limits to the posterior and anterior movement of said lens.

8. The intra-ocular lens in accordance with claim 7, wherein said lens comprises means for movement of approximately 1 mm between said posterior and said anterior positions.

9. The intra-ocular lens in accordance with claim 8, wherein said plurality of haptics comprises three haptics spaced 120° apart from one another.

10. The intra-ocular lens in accordance with claim 8, further comprising a lens button attached to or embedded in said lens, said lens button having a specific gravity greater than the specific gravity of the aqueous humor of said eye.

11. The intra-ocular lens in accordance with claim 10, further comprising said lens button being an elongated button facilitating folding and insertion through a small opening in the eye.

12. The intra-ocular lens in accordance with claim 8, wherein said lens has a specific gravity greater than the aqueous humor of said eye.

13. The intra-ocular lens in accordance with claim 9, further comprising a lens button attached to or embedded in said lens, said lens button having a specific gravity greater than the specific gravity of the aqueous humor of said eye.

14. The intra-ocular lens in accordance with claim 13, further comprising said lens button being an elongated button facilitating folding and insertion through a small opening in the eye.

15. The intra-ocular lens in accordance with claim 9, wherein said lens has a specific gravity greater than the aqueous humor of said eye.

16. The intra-ocular lens in accordance with claim 8, wherein said plurality of haptics comprises two horizontal haptics and possibly an inferior haptic.

17. The intra-ocular lens in accordance with claim 16, further comprising a lens button attached to or embedded in said lens, said lens button having a specific gravity greater than the specific gravity of the aqueous humor of said eye.

18. The intra-ocular lens in accordance with claim 17, further comprising said lens button being an elongated button facilitating folding and insertion through a small opening in the eye.

19. The intra-ocular lens in accordance with claim 16, wherein said lens has a specific gravity greater than the aqueous humor of said eye.